



**Channeled
Resources
Group**

Atlas Adhesive Tape

Olympic Bonding Solutions Acrylic Foam Tape

Olympic Acrylic Foam Tape has developed patented technology that can be used to replace conventional industry products. The new technology offers economical high-end, customized solutions.

Olympic was born from their passion for acrylate chemistry and the belief that they could supply the industry with higher quality at low prices. By virtue of their patents in chemistry and production, their products are demonstrably on a par or outperform the current industry benchmarks.

Olympic stands for experience, reliability, and sustainability. This allows them to develop and manufacture a consistent, high quality product based on in-depth knowledge. They understand the process and the chemistry like no other company.

Olympic products use no solvents and are fully RoHS compliant.

Olympic and Channeled Resources Group's Atlas Adhesive Tape division have formed a partnership to bring these unique products to the market place.

Steven Atlas

Cell: 773-844-6478

Office: 312-766-4172

Email: satlas@channeledresources.com

Channeled Resources Group

240 N. Ashland Avenue, Suite 130

Chicago, IL 60607

Phone: 800-633-6272

Fax: 312-273-1981

3000 Series Acrylic Foam Tape

The Olympic 3000 Series is designed to meet the highest industry standards. The unique viscoelastic nature of the tapes ensures a strong bond which can absorb shocks and stress. Thanks to the acrylic chemistry, they provide a highly durable and long-lasting bond for both indoor and outdoor applications. The tapes also have excellent temperature, solvent, plasticizer, and moisture resistance. Acrylic Foam Tape (AFT) is taking on an increasing number of applications — it can replace mechanical fasteners and liquid adhesives in permanent bonding applications that require high-strength adhesion. AFT is lightweight, strong, and easy to apply. It is cheaper, easier, faster, and far more versatile to use than obsolete materials such as screws or liquid adhesives. The 3000 Series is used in a variety of end uses such as automotive, building and construction, and appliances

3100 Transparent

Clear solid acrylic adhesive. These double-sided adhesive tapes are designed as structural adhesives and provide a convenient and simple bonding solution. In many applications they can be used to replace mechanical fasteners such as rivets, screws, welds, or liquid adhesives. This product is virtually bubble free.

Color: Transparent

Available thickness: 0.25 - 1.00 mm (10 mils. to 45 mils.)

Industry alternatives: 3M 4905, 4910

3200 Conformable

Medium-foamed multi-purpose acrylic adhesive is particularly suitable for adhesion to high and medium-surface energy substrates such as metals (steel, aluminum), ceramics (glass), and a variety of plastics. This series has the highest holding power of the Olympic AFT portfolio.

Colors: White, Grey

Available thickness: 0.25 - 2.30 mm (10 mils. to 90 mils.)

Industry alternatives: 3M 46**, GT6008, GT60**, RP series, VHB GPH

3300 Soft

Lightly foamed soft multi-purpose acrylic adhesive with a high initial tack, particularly suitable for adhesion to high and medium surface energy substrates and enhanced adhesion to low surface energy substrates. The soft core provides good shock absorption and excellent contact to mismatched surfaces. This series has the highest adhesion of the Olympic AFT portfolio.

Colors: White, Grey, Black

Available thickness: 0.25 - 1.10 mm (10 mils. to 45 mils.)

Industry alternatives: 3M 4941

7000 Specialty Series Acrylic Foam Tape

The 7000 Specialty Series contains our flagship products with special properties. It contains unique thermal conductive and flame retardant solutions as well as a specific solution for mobile electronics.

7100 - 7500 Thermal Conductive

Patented conformable 100% acrylic adhesive filled with thermally conductive ceramic particles and flame retardant fillers with a thermal conductivity of 0.4 W/m K up to 3.0 W/m K. Other thermal conductive values are available on request.

Colors: White, Grey, Black

Available thickness: 0.25 - 2.00 mm (10mils. – 80 mils.)

No industry alternatives

7600 Flame Retardant

Flame retardant (V-0 according to the UL-94 norm) tapes for permanent bonding are particularly suitable for adhesion to high and medium-surface-energy substrates. It can be used in applications when flame retardancy and self-extinguishing properties are required.

Color: White

Available thickness: 0.25 - 1.10 mm (10 mils. to 45 mils.)

No industry alternatives

7700 Mobile Electronic

Jet black and specifically designed for bonding a wide range of high, medium and low-surface-energy substrates in the electronics industry. It is typically used in applications such as lens bonding, LCM attachment, and bezel bonding.

Color: Black

Available thickness: 0.18 - 0.25 mm (7mils to 10 mils.)

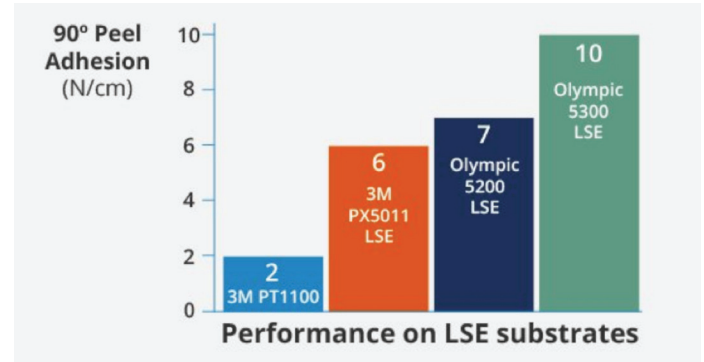
Industry alternatives: 3M 86415 VHB electronic tape black

5000 Low Surface Energy (LSE) Series

The Olympic 5000 High Performance Series is specifically designed for Low Surface Energy substrates such as TPOs, many plastics, and powder-coated paint surfaces. It achieves these excellent bonding properties thanks to our chemical engineering, allowing for solid adhesion to difficult substrates.

5000 LSE Series Continued

Olympic LSE Performance vs. Industry Standards



Typical LSE Substrates

- Powder Coated Painted Surfaces – Alkyd Enamel, Epoxy, Polyurethane
- TPO Materials
- Talc-filled Polypropylene
- Acetal, PVC, PVA, Acrylic Polyester
- Mica-filled Polypropylene
- Anodized Aluminum
- Polystyrene, Polyethylene, Polypropylene
- Polyvinyl Fluoride Film, PVDF
- Teflon, Nylon

5200 Low Surface Energy (LSE)

Patented highly foamed multi-purpose modified acrylic adhesive offering premium adhesion to the broadest range of high, medium, and low-surface-energy substrates without primers or other surface treatments. The unique soft core provides good shock absorption and excellent contact to mismatched surfaces.

Colors: White, Grey

Available thickness: 0.50 - 1.60 mm

Industry alternatives: 3M PT1100, 5952, PX 5010, TESA ACXplus 709X

5300 Low Surface Energy (LSE)

5300 LSE is specifically design for maximum bonding to the most difficult of LSE substrates, i.e. polypropylenes, and powder coated surfaces. With a 90° peel adhesion of 10 N/cm on LSE substrates, this product is truly unique in the market.

The 5300 is a patented highly foamed, modified acrylic. The unique soft core provides good shock absorption and excellent contact to mismatched surfaces.

Colors: White, Grey

Available thickness: 0.50 - 1.60 mm

No industry alternatives